

**MARISSEN et al**  
**U.S. National Phase of PCT/NL2005/000005**

**AMENDMENTS TO THE ABSTRACT**

Please insert the Abstract of the Disclosure which is on the attached sheet.

## **ABSTRACT OF THE DISCLOSURE**

The application relates to a process for manufacturing a prosthetic joint with at least one loaded surface which consists at least partially of polyethylene, comprising compressing one or more layers of a woven fabric of drawn gel-spun polyethylene fibres into the desired shape in a hollow mould part using a plug at a pressure of at least 0.05 MPa and at a temperature of between 120 and 165° C and below the crystalline melting point of the polyethylene at the prevailing temperature and pressure, without a matrix material being present, and at least the woven fabric in a layer situated on a loaded surface comprising at least 90wt % of fibres with a titre of at most 1000 denier, and to a prosthetic joint with a crease-free surface.